



Sheet 1 of 1

| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | ATTY DOCKET NO. 112340 | APPLICATION NO. 10/088,476 | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------|---------------------------|-------------------------------|-------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | APPLICANT(S) Shinya HIROTA et al. | | | |
| | | FILING DATE March 20, 2002 | GROUP 3748 | | |
| U.S. PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS |
| T M N | 1 | JP-U-1-174510 (Abstract) | 07-11-89 | Japan | |
| | 2 | JP-A-5-1613 (Abstract & Translation) | 01-08-93 | Japan | |
| | 3 | JP-A-60-206925 (Abstract) | 10-18-85 | Japan | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | |
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| EXAMINER | | Tu M. Nguyen | | DATE CONSIDERED 5/3/2004 | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | |

Date: March 22, 2004